

# LNE-50 MX

## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

The **LNE-50 MX** Series is a high performance flexible and affordable LED fixture designed as a neon replacement useful in a wide variety of indoor or outdoor applications where a smooth surface and continuous line of light is desired. It features combined color temperatures in one LED strip ranging from warm 22K to cool 50K.

### SPECIFICATIONS

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| INPUT VOLTAGE         | 24V DC Constant Voltage                             |
| POWER CONSUMPTION     | 4.4W/Ft.                                            |
| LUMEN OUTPUT          | 300 Lm/Ft.                                          |
| CRI                   | 90+                                                 |
| COLOR TEMPERATURE     | 18K / 22K / 25K / 27K / 30K / 35K / 42K / 50K / 60K |
| DIMMING/ CONTROL      | 0-10V and DMX                                       |
| MAXIMUM RUN LENGTH    | 32 Ft.                                              |
| CUT INTERVALS         | Every 1.97 in. (49.3mm)                             |
| STORAGE TEMPERATURE   | -40°F ~176°F (-40°C ~ 80°C)                         |
| OPERATING TEMPERATURE | -4°F ~113°F (-20°C ~ 45°C)                          |
| BEAM ANGLE            | 120°                                                |
| HUMIDITY              | 0-95% Non Condensing                                |
| IP RATING             | IP54 (damp) or IP67 (wet)                           |
| CERTIFICATIONS        | UL Listed                                           |
| LUMEN MAINTENANCE     | 50,000 Hrs.                                         |

*\*This product is factory-cut only. Do not field modify.*

### FEATURES

- High color consistency and smooth illumination
- Multiple CCT LED
- Continuous run length up to 32 Ft.
- Bottom, side and end feed options
- UL Listed (US and Canada)



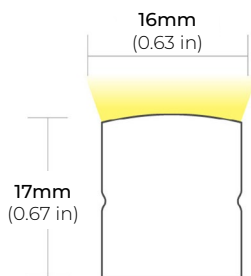
| MODEL   | SURFACE         | TEMP A       | TEMP B       | VOLT         | LENGTH                                             | IP RATING                                  | POWER FEED             | FEED LENGTH               |
|---------|-----------------|--------------|--------------|--------------|----------------------------------------------------|--------------------------------------------|------------------------|---------------------------|
| LNE50MX | TP<br>Top Bend  | 18K<br>1800K | 18K<br>1800K | 24<br>24V DC | 1'XX<br>per Ft.                                    | IP54*<br>Damp                              | BF<br>Bottom Feed      | HW3<br>3 Ft. Power Feed   |
|         |                 | 22K<br>2200K | 22K<br>2200K |              |                                                    |                                            | SFL<br>Side Feed Left  | HW10<br>10 Ft. Power Feed |
|         | SB<br>Side Bend | 25K<br>2500K | 25K<br>2500K |              |                                                    | IP67<br>Wet                                | SFR<br>Side Feed Right | HW15<br>15 Ft. Power Feed |
|         |                 | 27K<br>2700K | 27K<br>2700K |              |                                                    |                                            | EF<br>End Feed         | HW30<br>30 Ft. Power Feed |
|         |                 | 30K<br>3000K | 30K<br>3000K |              |                                                    |                                            |                        | HW50<br>50 Ft. Power Feed |
|         |                 | 35K<br>3500K | 35K<br>3500K |              |                                                    |                                            |                        |                           |
|         |                 | 42K<br>4200K | 42K<br>4200K |              |                                                    |                                            |                        |                           |
|         |                 | 50K<br>5000K | 50K<br>5000K |              |                                                    |                                            |                        |                           |
|         |                 | 60K<br>6000K | 60K<br>6000K |              |                                                    |                                            |                        |                           |
|         |                 |              |              |              |                                                    |                                            |                        |                           |
|         |                 |              |              |              |                                                    |                                            |                        |                           |
|         |                 |              |              |              |                                                    |                                            |                        |                           |
|         |                 |              |              |              | *1 = Custom length per FT. (cut point every 1.97") |                                            |                        |                           |
|         |                 |              |              |              | [Do not Field Modify]                              |                                            |                        |                           |
|         |                 |              |              |              |                                                    | *Please see optional accessories on page 3 |                        |                           |

# LNE-50 MX

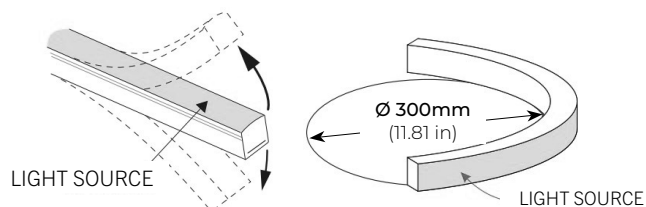
## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

UPDATED: 08.24.26

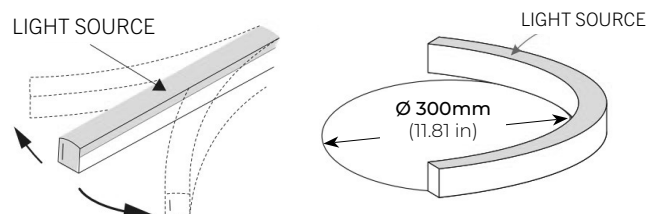
### DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



### COMPATIBLE ACCESSORIES

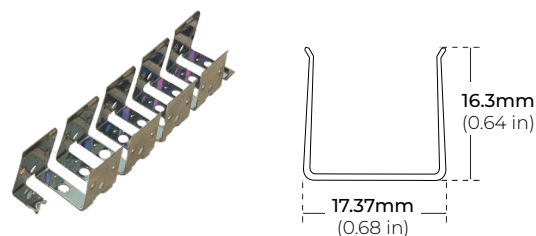
#### SELF LOCKING ALUMINUM PROFILE

LNE50-AC39  
39" PROFILE



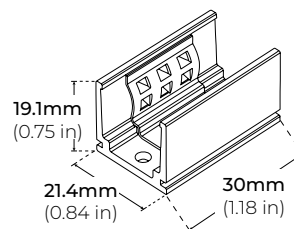
#### FLEXIBLE DUAL BEND ALUMINUM CHANNEL

LNE50-AFX  
39" CHANNEL



#### MOUNTING ACCESSORIES

LNE50-AC2  
MOUNTING CLIP



#### FLEXIBLE PROFILE

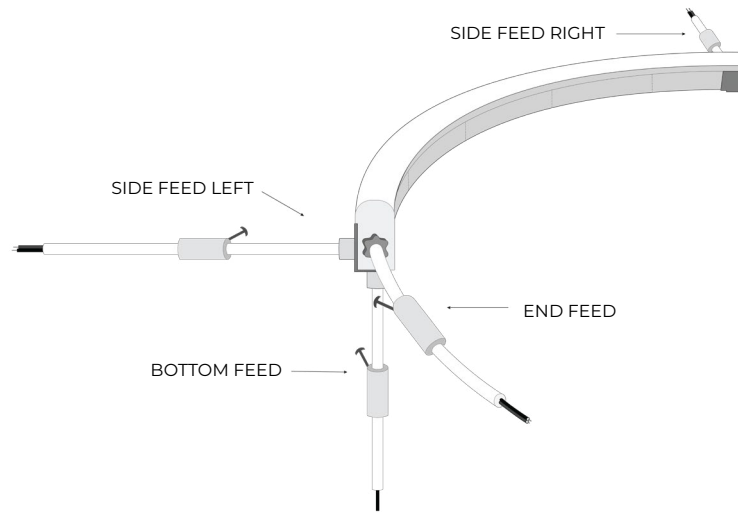
LNT65-SPX39-WH  
39" PROFILE (WHITE)

LNT65-SPX39-BK  
39" PROFILE (BLACK)



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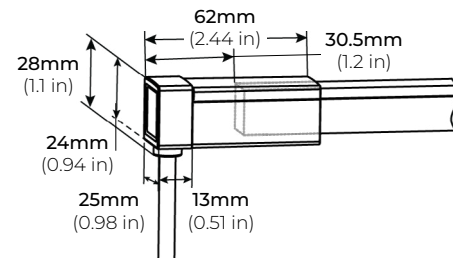
## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES



### POWER FEED (IP54)

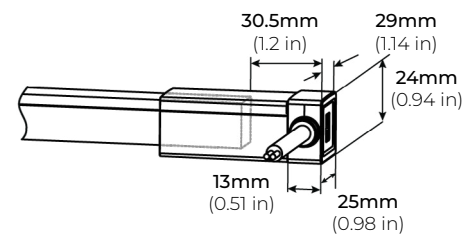
#### BF BOTTOM FEED

LNE-IP54-BF-HW3 3 FT. BOTTOM FEED (IP54)



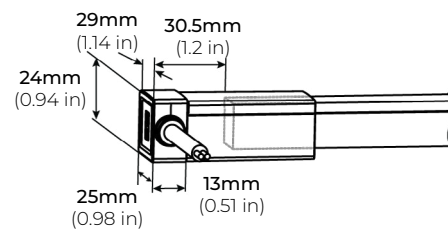
#### SFL SIDE LEFT FEED

LNE-IP54-SFL-HW3 3 FT. SIDE FEED LEFT (IP54)



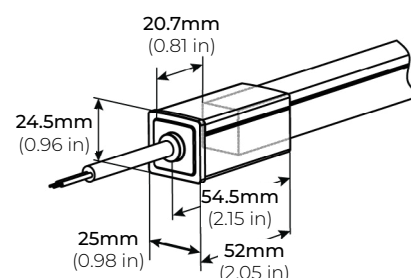
#### SFR SIDE RIGHT FEED

LNE-IP54-SFR-HW3 3 FT. SIDE FEED RIGHT (IP54)



#### EF END FEED

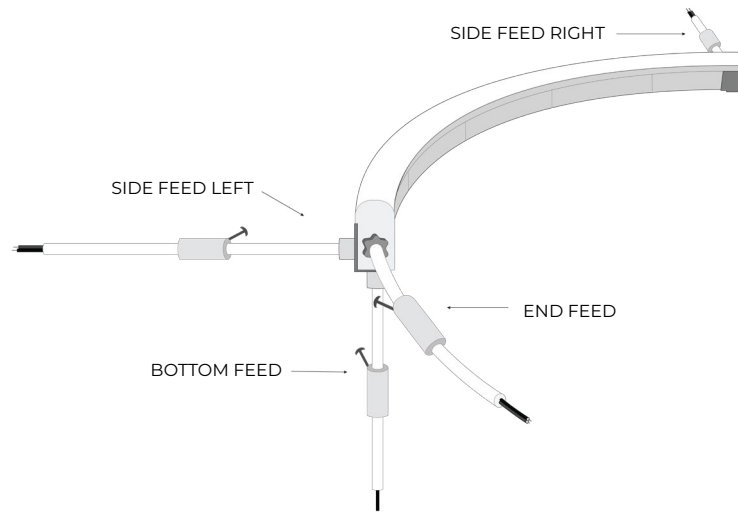
LNE-IP54-EF-HW3 3 FT. END FEED (IP54)  
LNE-IP54-EF-HW10 10 FT. END FEED (IP54)



# LNE-50 MX

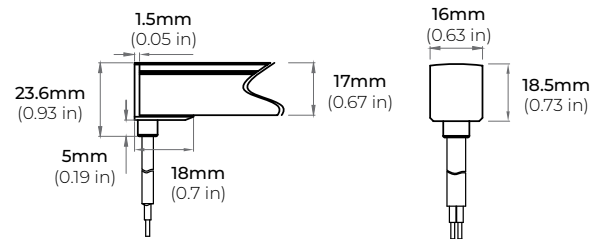
## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

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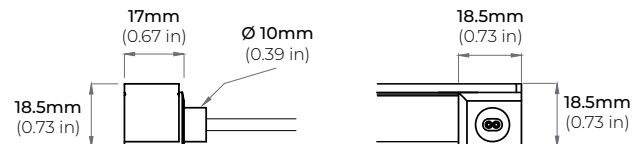


### POWER FEED (IP67)

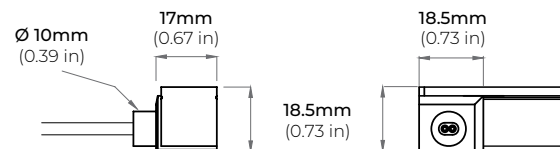
BF  
BOTTOM FEED



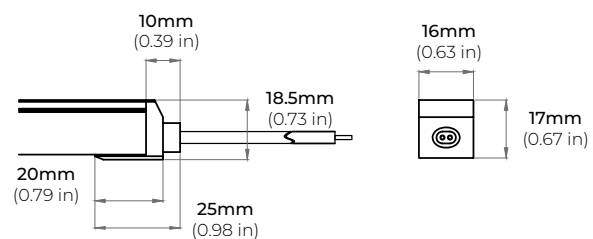
SFL  
SIDE LEFT FEED



SFR  
SIDE RIGHT FEED



EF  
END FEED



# LNE-50 MX

## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

### COMPATIBLE 0-10V DIMMING MODULE

0-10V Dimming modules require a non-dimming driver.  
Please refer to page 7 for compatible options.

#### PSDE-TW2-010-CT 0-10V CONTROL

|                  |                               |
|------------------|-------------------------------|
| INPUT VOLTAGE    | 8-48V DC                      |
| INPUT CURRENT    | 5.1A MAX (per channel)        |
| INPUT CONTROL    | 2                             |
| OUTPUT CURRENT   | 5A                            |
| MAX OUTPUT POWER | 240W                          |
| DIMENSIONS       | LxWxH (3.86" X 1.73" X 0.57") |



### BASIC CONTROLLERS

All controllers require a paired receiver and a Non-Dimming Driver.  
Please refer to page 7 for compatible options.

#### RGB-CT820 BLUETOOTH TOUCH PANEL WALL CONTROLLER

|                   |                        |
|-------------------|------------------------|
| INPUT VOLTAGE     | 12-24V DC              |
| ZONES             | 4                      |
| CONTROL MODE      | Color Tuning           |
| WIRELESS PROTOCOL | Bluetooth 5.0 SIG Mesh |
| WORKING TEMP      | -20°C ~ 55°C           |
| DIMENSIONS        | LxWxH (4.7"x3"x1.2")   |

\* Paired with RGB-CT800-RC (Sold Separately)



#### RGB-CT800-RC BLUETOOTH CONSTANT VOLTAGE LED RECEIVER

|                 |                           |
|-----------------|---------------------------|
| INPUT VOLTAGE   | 12V   24V                 |
| OUTPUT CURRENT  | 4Ax5CH / 5Ax4CH (20A Max) |
| POWER CAPACITY  | 240W (12V)   480W (24V)   |
| PROGRAMMABILITY | iOS and Android           |
| WORKING TEMP    | -20°C ~ 55°C              |
| DIMENSIONS      | LxWxH (6.9 x1.7 x 1.2")   |

\* Paired with RGB-CT820 (Sold Separately)



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## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

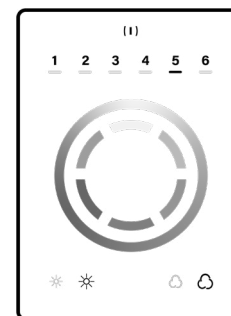
### DMX CONTROLLERS

*All DMX Controllers require a DMX Decoder and Non-Dimming Driver.  
Please refer to page 7 for compatible options.*

#### RGB-SCW4

WiFi DMX WALL CONTROLLER

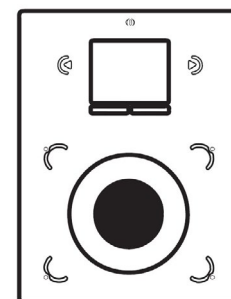
|                 |                                                        |
|-----------------|--------------------------------------------------------|
| INPUT VOLTAGE   | 5 - 10V DC, 06A                                        |
| OUTPUT SIGNAL   | DMX512 (x2)                                            |
| PROGRAMMABILITY | PC/ MAC                                                |
| COLOR OPTIONS   | Black/ White                                           |
| CONNECTIONS     | USB/ 8dry contact ports/ Open drain output (for relay) |
| MEMORY          | Built-In Flash                                         |
| WORKING TEMP    | -10°C ~ 45°C                                           |
| DIMENSIONS      | LxWxH (5.75"x4.17"x0.43")                              |



#### RGB-SDE3

WiFi DMX WALL CONTROLLER

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| INPUT VOLTAGE   | 6V DC, 0.6A                                                      |
| OUTPUT SIGNAL   | DMX512 (x2)                                                      |
| PROGRAMMABILITY | PC/ MAC/ Tablet/ Smartphone                                      |
| COLOR OPTIONS   | Black/ White                                                     |
| CONNECTIONS     | USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay |
| MEMORY          | MicroSD Card                                                     |
| WORKING TEMP    | -20°C ~ 40°C                                                     |
| DIMENSIONS      | LxWxH (5.75"x4.17"x0.43")                                        |



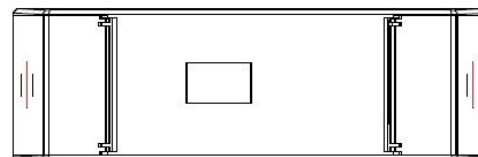
### DMX DECODERS

*All DMX Decoders require a DMX Controller and Non-Dimming Driver.  
Please refer to page 7 for compatible options.*

#### RGB-DMX-4C-RJ45

4-CHANNEL DMX DECODER

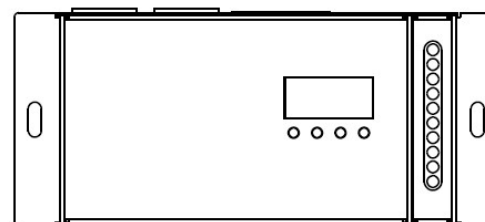
|                 |                        |
|-----------------|------------------------|
| INPUT VOLTAGE   | 12V-24V DC             |
| OUTPUT CURRENT  | 5A X 4CH               |
| OUTPUT WATTAGE  | 60W(12V), 120W(24V)    |
| OUTPUT CHANNELS | 4                      |
| DIMENSIONS      | LxWxH (7"x1.77"x0.75") |



#### RGB-DMX-5C-XLR

5-CHANNEL DMX DECODER

|                 |                          |
|-----------------|--------------------------|
| INPUT VOLTAGE   | 12V-24V DC               |
| OUTPUT CURRENT  | 8A X 5CH                 |
| OUTPUT WATTAGE  | 5 x (96W ~ 192W)         |
| OUTPUT CHANNELS | 5                        |
| DIMENSIONS      | LxWxH (6.45"x2.87"x1.5") |



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## 4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

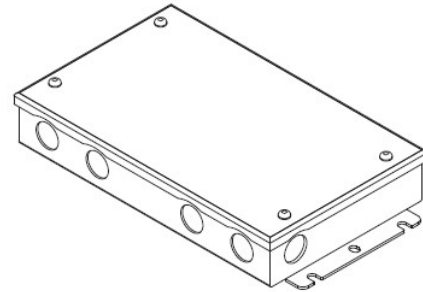
UPDATED: 08.24.26

### COMPATIBLE NON-DIMMING DRIVERS

#### PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

|               |         |                        |
|---------------|---------|------------------------|
| PSHK-30W-24V  | CLASS 2 | 6.5" X 3.6" X 1.02"    |
| PSHK-60W-24V  | CLASS 2 | 7.4" X 3.62" X 1.02"   |
| PSHK-96W-24V  | CLASS 2 | 8.66" X 3.66" X 1.61"  |
| PSHK-150W-24V |         | 10.24" X 4.06" X 1.81" |
| PSHK-200W-24V |         | 10.24" X 4.06" X 1.81" |
| PSHK-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.82" |
| PSHK-300W-24V |         | 10.24" X 4.25" X 1.81" |



### COMPATIBLE DALI DIMMING DRIVERS

#### PSDE-96W-24V-UNV-DALI-2-DT8

DALI-2 DIMMING DRIVER

|                  |                              |
|------------------|------------------------------|
| CLASS 2          | Yes                          |
| INPUT VOLTAGE    | 100-277V AC                  |
| INPUT CURRENT    | 1.25A MAX                    |
| OUTPUT CURRENT   | 4A                           |
| MAX OUTPUT POWER | 96W                          |
| DIMENSIONS       | LxWxH (9.52" x 4.88" x 1.6") |

\* Non-dimming driver not required.

